UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11
Indianapolis, Indiana 46278

FIRST AMENDMENT
TO THE
APRIL 1979 CLASSIFICATION AND CORRELATION
OF THE SOILS OF
DEARBORN AND OHIO COUNTIES, INDIANA

OCTOBER 2006

This amendment results from digitizing the Soil Survey data for Dearborn and Ohio Counties, the update of the NASIS database, and conforming to the Keys to Soil Taxonomy, 9th Edition, 2003. Note that the two counties will be digitized individually and not as a joint project.

AMENDMENT NO. 1

Pages 2 to 6 Changes: Change the following map unit name-

Map Symbol	Approved name (1979)	Approved Name - Amended (2006)
Ch	Chagrin silt loam	Chagrin silt loam, frequently flooded
De	Dearborn silt loam	Dearborn silt loam, frequently flooded
Df	Dearborn flaggy loam	Dearborn channery loam, frequently flooded
EdF	Eden flaggy silty clay loam, 25 to 50 percent slopes	Eden flaggy silty clay, 25 to 50 percent slopes
Hu	Huntington silt loam	Huntington silt loam, frequently flooded
Ju	Jules silt loam	Jules silt loam, frequently flooded
Ne	Newark silt loam	Newark silt loam, frequently flooded
Or	Orrville silt loam	Orrville silt loam, frequently flooded
PaD2	Pate silt loam, 12 to 18 percent slopes, eroded	Pate silty clay loam, 12 to 18 percent slopes, eroded
PaE2	Pate silt loam, 18 to 25 percent slopes, eroded	Pate silty clay loam, 18 to 25 percent slopes, eroded
Ra	Rahm silt loam	Rahm silt loam, occasionally flooded
St	Stonelick sandy loam	Stonelick sandy loam, frequently flooded

Page 6 Additions to the Soil Correlation Legend: Add the following map unist-

Field symbols	Field map unit name	Publication symbol	Approved map unit name
Du	Dumps	Du	Dumps
Omz	Orthents, earthen dam	Omz	Orthents, earthen dam
W	Water	W	Water
Water	Water	W	Water

Note that map units Du, HcG, MaF2, Omz and RxB are only used in Dearborn County.
Pages 9 to 12Replace the Conventional and Special Symbols Legend from the 1979 Correlation, with the attached Indiana Official 37As¡ for Compilation, Digitizing, and DMF, Revised June 30, 2004.

Only the following standard landform and miscellaneous surface features will be shown on the legend and placed on the digitized soil maps for Dearborn County:

Feature	Name	Description
ESO	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff, which generally is produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
GPI	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 to 2 acres.
GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area with less than 15 percent fragments. Typically 0.2 to 2 acres.
GUL	Gully	A small channel with steep sides cut by running water through which water ordinarily runs only after a rain, or after ice or snow melts. It generally is an obstacle to wheeled vehicles and is too deep to be obliterated by ordinary tillage.
LVS	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow of lowlands. Levees built according to COE standards.
ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.
SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 to 2 acres.
SLP	Short, steep slope	Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.
WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

Only the following standard landform and miscellaneous surface features will be shown on the legend and placed on the digitized soil maps for Ohio County:

Feature	Name	Description
ESO	Escarpment, nonbedrock	A relatively continuous and steep slope or cliff, which generally is produced by erosion but can be produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.

GUL Gully A small channel with steep sides cut by running water through which water ordinarily runs only after a rain, or after ice or snow melts. It generally is an obstacle to wheeled vehicles and is too deep to be obliterated by ordinary tillage.

ERO Severely eroded spot An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically 0.2 to 2 acres.

SLP Short, steep slope Narrow soil area that has slopes that are at least two slope classes steeper than the slope class of the surrounding map unit.

WET Wet spot A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 to 2 acres.

Only the following ad hoc features will be shown on the legend and placed on the digitized soil maps for both Dearborn and Ohio Counties:

Label	Symbol	ID	Name	Description
UWT		44	Unclassified water	Small, natural or man-made lake, pond, or pit that contains water, of an unspecified nature, most of the year. Typically 0.2 to 2 acres.

Pages 17-18 Replace the Classification of the Soils table with the following:
Dearborn and Ohio Counties, Indiana
Taxonomic Classification of the Soils
(An asterisk in the first column indicates a taxadjunct to the series.)

Soil name	Family or higher taxonomic class
Avonburg	Fine-silty, mixed, active, mesic Aeric Fragic Glossaqualfs
Bartle	Fine-silty, mixed, active, mesic Aeric Fragiaqualfs
Bonnell	Fine, mixed, active, mesic Typic Hapludalfs
Carmel	Fine, vermiculitic, mesic ChromicVertic Hapludalfs
Chagrin	Fine-loamy, mixed, active, mesic Dystric Fluventic Eutrudepts
Cincinnati	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
Clermont	Fine-silty, mixed, active, mesic Fragic Glossaqualfs
Dearborn	Loamy-skeletal, mixed, superactive, mesic Fluventic Hapludolls
Eden	Fine, mixed, active, mesic Typic Hapludalfs
Elkinsville	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Fincastle	Fine-silty, mixed, superactive, mesic Aeric Epiaqualfs
Fox	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
Hennepin	Fine-loamy, mixed, active, mesic Typic Eutrudepts
Huntington	Fine-silty, mixed, active, mesic Fluventic Hapludolls
Jules	Coarse-silty, mixed, superactive, calcareous, mesic Typic Udifluvents
Markland	Fine, mixed, active, mesic Typic Hapludalfs
*Markland	Fine, mixed, active, mesic Oxyaquic Hapludalfs
Newark	Fine-silty, mixed, active, nonacid, mesic Fluventic Endoaquepts
Ockley	Fine-loamy, mixed, active, mesic Typic Hapludalfs
*Orrville	Coarse-loamy, mixed, active, nonacid, mesic Aeric Endoaquepts
Orthents	Orthents
Pate	Fine, illitic, mesic Chromic Vertic Hapludalfs
Rahm	Fine-silty, mixed, active, nonacid, mesic Fluvaquentic Endoaquepts
Rodman	Sandy-skeletal, mixed, mesic Typic Hapludolls
*Rossmoyne	Fine-silty, mixed, active, mesic Aquic Fragiudalfs
Russell	Fine-silty, mixed, superactive, mesic Typic Hapludalfs
Stonelick	Coarse-loamy, mixed, superactive, calcareous, mesic Typic Udifluvents
Switzerland	Fine-silty over clayey, mixed, superactive, mesic Oxyaquic Hapludalfs
Udorthents, loamy	Udorthents
Weisburg	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs
*Wheeling	Fine-silty, mixed, active, mesic Ultic Hapludalfs

*Markland taxadjunct is for map unit MaB2

DEARBORN AND OHIO COUNTIES, INDIANA AMENDMENT NO. 1

Approval Signatures and Date

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